Instructions for kit #3505815 3-1/2" single kit

Fits 2009-2013 GM Silverado 1500 2wd & 4wd w/V6, 4.8L, 5.3L, 6.0L V-8 with 3" flared exhaust at converters. This kit fits only 143.5" wheel base models, which include the crew cab model, and the extended cab standard box (97.8" box length) model, and the 157.5" model, which is the extended cab long box (97.8" box length) model.

**Note:** do not tighten any clamps or bolts until the last step! Support the vehicle in a safe manner, using either a shop hoist or jack stands that support the vehicle by the frame, on a level surface.

1) if you wish to remove the exhaust system in one piece, you will need to remove the spare tire, raise the rear of the vehicle to let the rear axle hang down (use only frame contact jack stands). Loosen the nut on the front flared pipe at the rear of the converter y-pipe, and pull the exhaust to the rear to clear the front cross member, and drop the front down and forward to remove the exhaust. Replace the spare tire and you will then be ready to install your new exhaust system. Leave only the original y pipe, rubber mounts, and catalytic converters on the truck. You will need to reuse the original nuts off of the o.e. flange. Disconnect the factory hangers from the original system, leaving the rubber hanger mounts in place.

2) Install the front flared pipe to the ball flare after the catalytic converter y-pipe using the original euro-clamp.

3) If you have the 143.5" wheel base, you will need to trim 7" off of the 3.5" OD end of the 3.5" front extension pipe # 3505806. Install the front extension pipe to the front flared pipe using the 3" clamp. Rotate the pipe to clear the cross member below.

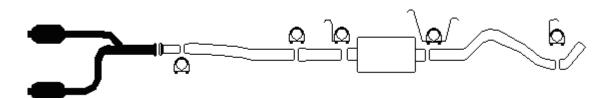
4) for those with extended cab long box models, 157.5" wheel base, you will need to install the 3.5" x 17" id/od mid extension pipe to the front extension pipe using a 3.5" clamp, you will also need to trim 7" off of the 3.5" front extension pipe # 3505806. For those with 133.9" w.b. (extended cab short 69.3" box), you will need to trim 17" off the front extension and not use the mid extension.

5) install the muffler to the front or mid extension pipe using the 3.5" front hanger clamp. Attach the wire portion of the hanger to the o.e. rubber hanger mount above. The muffler is center inlet/outlet, there is a specific inlet, it is not reversible.

6) install the over the axle tail pipe to the muffler outlet using the middle 3.5" hanger clamp (two wire hooks on it). The outlet on the muffler accepts the short end of the over the axle tail pipe, and there are 4 bends in the over the axle tail pipe. Attach the wire portions of the hangers to the o.e. rubber hanger mounts above.

7) install the rear tail pipe to the over the axle tail pipe using the 3.5" rear hanger clamp. Attach the wire portion of the hanger to the o.e. rubber hanger mount above.

8) tighten all clamps and bolts and check for clearance of the frame, body, and brake and fuel lines.



Heartthrob exhaust systems are manufactured by Heartthrob Exhaust--Litchfield, MN

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## 3-1/2" cat-back single exhaust kit—side exit <u>3505815</u>

<u>Limitation of liability--disclaimers</u>: the regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns and counties.

the manufacturer makes no warranties of merchantability, of fitness for a particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations or ordinances in the states where they may be sold to the ultimate purchaser, the consumer.

the entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

in this connection, retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, and or repair.

the foregoing statement limits the liability of the manufacturer.

## Hardware kit for kit #3505815:

| 1) $3.5$ " front extension pipe # $3505806$ | 1) over the axle tail pipe # 3505808        |
|---------------------------------------------|---------------------------------------------|
| 1) rear tail pipe # 3505809                 | 1) muffler # 813555                         |
| 1) 3.5" x 17" id/od mid extension # 3505    | 807 1) front flared pipe # 3505816          |
| 1) 3.5" middle hanger clamp-# 2692          | 1) 3.5" front hanger clamp-# 2693           |
| 1) 3.5" rear hanger clamp-# 2691            | 2) 3.5" clamps # mc7312 1) 3" clamp #mc7300 |

**Danger warning:** should the purchaser decide to install this, or any other exhaust product at home, be warned that pleasure car or light duty truck/van "bumper jacks" are intended for emergency use only. The use of frame contact jack stands in conjunction with a floor jack as main support is highly recommended to minimize accidental dropping of a vehicle while the installation proceeds.

## **Build sheet for: 3-1/2" single kit, side exit** Part # 3505815

- 1) 3.5" front extension pipe # 3505806
- 1) over the axle tail pipe # 3505808
- \_\_\_\_\_1) rear tail pipe # 3505809
- 1) muffler  $\hat{\#}$  813555
- \_\_\_\_\_1) 3.5" x 17" id/od mid extension # 3505807
- 1) front flared tube # 3505816
- 1) hardware kit

Inspected by:\_\_\_\_\_ Date:\_\_\_\_\_